

**REMARKS/ARGUMENTS**

1. Objection to the specification:

The disclosure is objected to because of the following informalities: "mirror ration" should be changed to "mirror ratio" in paragraph 21.

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**Response:**

Paragraph 21 has been amended to change three instances of the word "ration" to become "ratio". Acceptance of the corrected specification is respectfully requested.

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2. Rejection of claims 1-5 and 7-16 under 35 U.S.C. 102(b):

Claims 1-5 and 7-16 are rejected under 35 U.S.C. 102(b) as being anticipated by Devine (US 5,978,745).

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**Response:**

Independent claims 1 and 11 have been amended to overcome these rejections. Claims 1 and 11 now contain limitations previously found in claims 2 and 12. That is, claims 1 and 11 now recite that the current mirror circuit comprises a first current route for delivering a reference current and a plurality of second current routes electrically connected to the first current route for delivering a plurality of mirror currents to an output port of the converter to form the output current.

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In addition, additional limitations have been added to claims 1 and 11 to specify that the plurality of mirror currents each have a different magnitude, and the plurality of mirror currents add together to form the output current. This limitation is fully supported in paragraphs [0017] to [0019] of the specification, and no new matter has been added. Therefore, the plurality of mirror currents having different magnitudes add together for forming an output current which generates the display driving

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voltage. By using a different magnitude for each of the mirror currents and then adding together the mirror currents, many different gray levels can be created, such as 255 distinct gray levels for eight different mirror currents.

5           On the other hand, Devine teaches in Fig. 3 that “the plurality of second current routes” 320, 322, 324 correspond to current for red video data, green video data, and blue video data, respectively. Devine does not teach that each of the mirror currents 320, 322, 324 have a different magnitude, and that the plurality of mirror currents add together to form an output current. Instead, the RGB currents 320, 322, 324 are  
10           independent of one another, and are not added together to form an output current.

          Therefore, Devine does not anticipate the currently amended claims 1 and 11, and claims 1 and 11 are patentable over the cited prior art. Furthermore, claims 3-5, 7-10, and 13-16 are dependent on claims 1 and 11, and should be allowed if their  
15           respective base claims are allowed. Reconsideration of claims 1, 3-5, 7-11, and 13-16 is therefore respectfully requested.

3. Introduction to new claims 17 and 18:

          New claims 17 and 18 further specify that the plurality of mirror currents have  
20           magnitudes differing from each other by a factor of two. This limitation is fully supported in paragraphs [0017] to [0019] of the specification, and no new matter has been added.

          On the other hand, Devine does not teach or suggest that mirror currents 320,  
25           322, 324 have a different magnitude or that the magnitudes differ from each other by a factor of two.

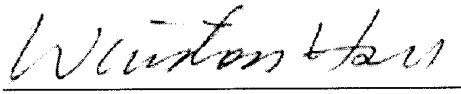
          Acceptance of new claims 17 and 18 is therefore respectfully requested.

Appl. No. 10/708,638  
Amdt. dated February 27, 2007  
Reply to Office action of January 03, 2007

Applicant respectfully requests that a timely Notice of Allowance be issued in this case.

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Sincerely yours,



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15 Note: Please leave a message in my voice mail if you need to talk to me. (The time in D.C. is 13 hours behind the Taiwan time, i.e. 9 AM in D.C. = 10 PM in Taiwan.)